

## Product datasheet for **RC217072A1V**

### Human RTN4RL2 (NM\_178570) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Human RTN4RL2 (NM_178570) AAV Particle                                      |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | RTN4RL2                                                                     |
| Synonyms:                 | NgR2; NGRH1                                                                 |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RC217072 representing NM_178570<br>Red=Cloning site Blue=ORF Green=Tags(s) |

CTATAGGCGGCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTGCCCCGGGCTCAGGCGCCTGCTGCAAGCTCCCGCCTCGGCCTGCCTCCTGCTGATGCTCCTGGCCC  
TGCCCCTGCGGGCCCCAGCTGCCCCATGCTCTGCACCTGCTACTCATCCCCGCCACCGTGAGCTGCCA  
GGCCAAACAACCTTCTCCTCTGTGCCGTGTCCTGCCACCCAGCACTCAGCGACTCTTCTGCAGAACAAAC  
CTCATCCGCACGCTGCGGCCAGGCACCTTTGGGTCCAACCTGCTCACCTGTGGCTCTTCTCCAACAACC  
TCTCCACCATCTACCCGGGCACTTTCCGCCACTTGCAAGCCCTGGAGGAGCTGGACCTCGGTGACAACCG  
GCACCTGCGCTCGCTGGAGCCCCGACACCTTCCAGGGCCTGGAGCGGCTGCAGTCGCTGCATTTGTACCGC  
TGCCAGCTCAGCAGCCTGCCCGCAACATCTTCCGAGGCTGGTCAAGCTGCAGTACCTCTACCTCCAGG  
AGAACAGCCTGCTCCACCTACAGGATGACTTGTTTCGCGGACCTGGCCAACTGAGCCACCTCTTCTCCA  
CGGGAACCGCTGCGGCTGCTCACAGAGCACGTGTTTCGCGGCTGGGACGCTGGACCGGCTGCTGCTG  
CACGGGAACCGGCTGCAGGGCTGCACCGCGCGGCTTCCGCGGCTCAGCCGCTCACCATCTCTACC  
TGTTCAACAACAGCCTGGCTCGCTGCCCGGCGAGGCGCTCGCCGACCTGCCCTCGCTCGAGTTCTGCG  
GCTCAACGCTAACCCCTGGGCGTGCGACTGCCGCGCGGCGGCTCTGGGCTGGTTCCAGCGCGCGCGC  
GTGTCCAGCTCCGACGTGACCTGCGCCACCCCCCGGAGCGCCAGGGCCGAGACCTGCGCGGCTCCGCG  
AGGCGGACTTCCAGGCGTGTCCGCCCGCGGACCCACGCGGCGGCGAGCCGCGCCCGCGCAACAGCTC  
CTCCAACCACTGTACGGGTGGCCGAGGCCGGGGCGCCCCAGCCGATCCCTCCACCCTCTACCGAGAT  
CTGCCTGCCGAAGACTCGCGGGGGCGCCAGGGCGGGGACGCGCCTACTGAGGACGACTACTGGGGGGCT  
ACGGGGGTGAGGACGAGCGAGGGGAGCAGATGTCCCCGGCGCTGCCAGGCGCCCCGGACTCCCG  
AGGCCCTGCGCTCTCGGCGGGCTCCCCAGCCCTCTGCTTTCCTCTGCTCCTGGTGCCCCACCACTC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC217072 representing NM_178570</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MLPGLRRLQAPASACLLLMLLALPLAAPSCPMLCTCYSSPPTVSCQANNFSSVPLSLPPSTQRLFLQNN<br/> LIRTLRPGTFGSNLLTLWLFNNLSTIYPGTFRHLQALEELDLGDNRLRSLEPDTFQGLERLQSLHLR<br/> CQLSSLPGNIFRGLVSLQYLYLQENSLHLQDDL FADLANLSHLFLHGNRLRLTEHVFRGLGSLDRLLL<br/> HGNRLQGVHRAAFRGLSRLTILYLFNNSLASLPGEALADLPSEFLRLNANPWACDCRARPLWAWFQRR<br/> VSSSDVTCATPPERQGRDLRALREADFQACPPAAPTRPGSRARGNSSNHLYGVAEAGAPPADPSTLYRD<br/> LPAEDSRGRQGGDAPTEDDYWGYYGGEDQRGEQMCPGAACQAPPDSRGPALSAGLPSPLLCLLLLVPHHL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ACCN:             | NM_178570                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ORF Size:         | 1260 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Stability:        | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.                                                                                                               |
| RefSeq:           | <a href="#">NM_178570.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RefSeq Size:      | 1263 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq ORF:       | 1263 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Locus ID:         | 349667                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt ID:       | <a href="#">Q86UN3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cytogenetics:     | 11q12.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MW:               | 45.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |